

# OPTICO Standard Fiber Patch Cord

Ideal for 1G/10G/40G/100G Ethernet connections.



## • Description

OPTICO bend insensitive fiber optic cable has less attenuation when bent or twisted compared with traditional optical fiber cables. This will make the installation and maintenance of the fiber optic cables more efficient. We are always obsessed with the selection and use of high-quality materials. OPTICO fiber optic cable is ideal for network cabinet cabling, ceiling channel cabling, and floor cabling in data centers.

## • Features

- High quality CCTC ceramic ferrules
- Good repeatability
- CE/CPR/ISO/RoHS
- 3D/Temperature/Loss 100% tested before delivery
- High and low temperature cycle test
- Stable data interchangeability
- Long mating cycles

## • Cable Structure



- Technical Specification

Characteristics	Parameter
Connector End A	LC/SC/FC/ST/MU/MTRJ/E2000/Customized
Connector End B	LC/SC/FC/ST/MU/MTRJ/E2000/Customized
Connector Ferrule	Zirconia Ceramic
Polish Type	SMF: UPC/APC MMF: UPC
Fiber Type	Single-mode: OS2 Multi-mode: OM1/OM2/OM3/OM4/OM5
Jacket Color	OS2: Yellow OM1/OM2: Orange; OM3/OM4: Aqua; OM5: Lime Green
Jacket Material	PVC/LSZH
Fiber Grade	SMF: G.657.A/G.652.D OM1: G.651; OM2/OM3/OM4/OM5: Bend Insensitive
Min. Bend Radius	SMF: 10mm/30mm MMF: 7.5mm/15mm
Fiber Count	Simplex/Duplex
Cable Outside Diameter	Simplex: 0.9/2.0/3.0mm Duplex: 2.0/3.0mm
Plug Testing	≥1000 times
Tensile Strength	0.9mm(9N); 2.0mm(70N); 3.0mm(75N)

- **Tips:**

Due to the COVID-19, it's a pity that you and our team couldn't have a face-to-face communication. To know more about us, please visit below our VR factory. It is just like you were really standing in our factory.

OPTICO Fiber Assemblies Production Line VR: <https://www.linked-reality.com/company/15555/en>

Optical Characteristics	Parameter
Insertion Loss (dB)	0.20dB Average $\leq 0.12$ dB, Max $\leq 0.25$ dB
Return Loss (dB)	SMF: UPC $\geq 55$ dB, APC $\geq 65$ dB MMF: UPC $\geq 35$ dB
Wavelength (nm)	Single-mode: 1310/1490/1550 Multi-mode: 850/1300
Repeatability (dB)	$\leq 0.1$
Vibration (dB)	$\leq 0.2$
Interchangeability (dB)	$\leq 0.2$
Operating Temperature (°C)	-40 ~ +85
Storage Temperature (°C)	-40 ~ +85

- Ordering Options

Connector	Polish Type	Color	Fiber Type	Cable Diameter	Cable Type	Tube Type
1=SC	PC	1=Yellow	1=G652D	1=Bare fiber	1=Simplex	1=PVC
2=LC	UPC	2=Orange	2=G657A1	2=0.9um	2=Duplex	2=LSZH
3=FC	APC	3=Aqua	3=G657A2	3=1.2mm	3=Branch	3=OFNR
4=ST		4=Pink	4=G657B3	4=2.8mm	4=Ribbon	4=CPR
5=MU		5=Purple	5=OM1	5=3.0mm	5=Fan-out	
6=E2000		6=Red	6=OM2	6=4.0mm		
7=MTRJ		7=White	7=OM3	7=Custom		
8=Custom		8=Brown	8=OM4			
		9=Blue	9=OM5			
		10=Black				
		11=Custom				